AMENDMENTS TO THE SPECIFICATION:

Please replace the paragraph beginning at page 7, line 23, which starts with "A second" with the following amended paragraph:

A second preferred group of polyfunctional monomers for use in the present medium and process are those of the formula:

$$(R^6)_3SiO[SiR^7R^8O]_p[Si(R^7)_2O]_qSi(R^6)_3 \qquad (IV)$$

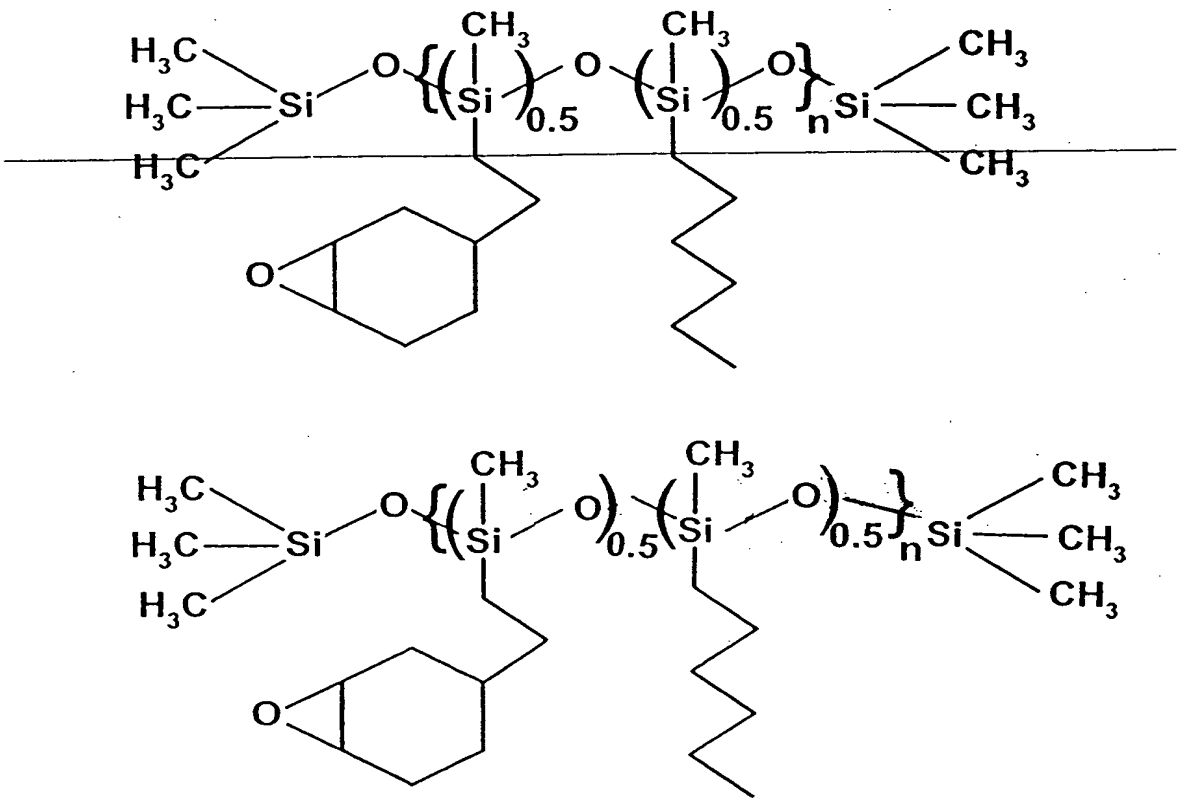
each group R^6 is, independently, a monovalent substituted or unsubstituted C_{1-12} alkyl, C_{1-12} cycloalkyl, or phenyl group; each group R^7 is, independently, a monovalent substituted or unsubstitued C_{1-12} alkyl, C_{1-12} cycloalkyl, aralkyl or aryl group; each group R^8 is, independently, a monovalent epoxy functional group having 2-10 carbon atoms, ~~and~~ *p* is an integer equal to or greater than 3 and *q* ~~are integers~~ is an integer. These monomers may be prepared by processes analogous to those described in U.S. Patent No. 5,523,374, which involve hydrosilylation of the corresponding hydrosilanes with the appropriate alkene oxide using a platinum or rhodium catalyst. Specific monomers of this type found useful in the present process are those in which each group R^6 and R^7 is an alkyl group, and of these one especially preferred monomer is that in which R^8 is an 2-(3,4-epoxycyclohexyl)ethyl grouping and *p* and *q* are approximately equal.

C1

Please replace the paragraph beginning at page 14, line 5 which starts with " A holographic" with the following amended paragraph:

A holographic recording medium was prepared comprising the same acid generator, sensitizer and difunctional epoxide monomer as in Example 1 above. The medium also comprised a polyfunctional epoxide monomer of Formula IV above, this monomer being of the formula:

C2



C2 cont.

and, as a binder, 1,3,5-trimethyl-1,1,3,5,5,-pentaphenyltrisiloxane (refractive index 1.579, available from Dow Chemical Company, Midland, Michigan, under the tradename Dow 705 silicone fluid). The medium contained 4.6 weight percent of the iodonium salt, 0.09 weight percent of the sensitizer and the monomer to binder mole ratio (based upon segmental values for the polyfunctional monomer) was 2.78. The medium was prepared in the same manner as in Example 1 above.